



## Section 1 - Chemical Product and Company Identification

**Product Name** Ferrozine Monosodium extrapure, 97%  
**Product Code** 38082  
**CAS No** 69898-45-9  
**Use for** Laboratory Chemicals.  
**Company Name** Sisco Research Laboratories Pvt. Ltd.  
**Address** 608, B Wing, Satellite Gazebo, Andheri Ghatkopar Link Road,  
Andheri (E), Mumbai - 400 099, India

## Section 2 - Composition/Information on Ingredients

CAS#	Chemical Name:	%	EINECS#
69898-45-9	Ferrozine	97%	274-196-3

## Section 3 - Hazards Identification

### Emergency Overview

**OSHA Hazards:** No known OSHA hazards

### Potential Health Effects

**Inhalation:** May be harmful if inhaled. May cause respiratory tract irritation.

**Skin:** May be harmful if absorbed through skin. May cause skin irritation.

**Eyes:** May cause eye irritation.

**Ingestion:** May be harmful if swallowed.

## Section 4 - First Aid Measures

**Eyes:** Flush eyes with water as a precaution.

**Skin:** Wash off with soap and plenty of water.

**Ingestion:** Never give anything by mouth to an unconscious person. Rinse mouth with water.

**Inhalation:** If breathed in, move person into fresh air. If not breathing give artificial respiration.

**Notes to Physician:**

## Section 5 - Fire Fighting Measures



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**Flammable properties:**

Flash point: No data available

Ignition temperature: No data available

**Suitable extinguishing**

**media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Special protective**

**equipment for**

**fire-fighters:** Wear self contained breathing apparatus for fire fighting if necessary.

## Section 6 - Accidental Release Measures

**Personal precautions:** Avoid dust formation.

**Environmental precautions:** Do not let product enter drains.

**Methods for cleaning up:** Sweep up and shovel. Keep in suitable, closed containers for disposal.

## Section 7 - Handling and Storage

**Handling:** Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.

**Storage:** Keep container tightly closed in a dry and well-ventilated place.

## Section 8 - Exposure Control / Personal Protection

**Engineering Controls:** Contains no substances with occupational exposure limit values.

**Personal Protective Equipment**

**Respiratory Protection:** Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

**Hand Protection:** For prolonged or repeated contact use protective gloves.

**Eye Protection:** Safety glasses

**Hygiene measures:** General industrial hygiene practice.

## Section 9 - Physical and Chemical Properties

**Physical State:** Crystalline Powder

**Colour :** Pale Yellow

**Molecular Formula:** C<sub>20</sub>H<sub>13</sub>N<sub>4</sub>NaO<sub>6</sub>S<sub>2</sub>

**Molecular Weight:** 492.50

## Section 10 - Stability and Reactivity



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**Storage stability:** Stable under recommended storage conditions.

**Materials to avoid:** Strong oxidizing agents, Strong acids

**Hazardous decomposition**

**Products formed under fire**

**Conditions :** Carbon oxides, nitrogen oxides (NO<sub>x</sub>), Sulphur oxides.

## Section 11 - Toxicological Information

**Acute toxicity:** No data available

**Irritation and corrosion:** No data available

**Sensitisation:** No data available

**Chronic exposure:**

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

## Potential Health Effects

**Inhalation:** May be harmful if inhaled. May cause respiratory tract irritation.

**Skin:** May be harmful if absorbed through skin. May cause skin irritation.

**Eyes:** May cause eye irritation.

**Ingestion:** May be harmful if swallowed.

## Section 12 - Ecological Information

No data available.

## Section 13 - Disposal Considerations

**Product:** Observe all federal, state, and local environmental regulations.

**Contaminated packaging:** Dispose of as unused product.

## Section 14 - Transport Information

	<b>IATA</b>	<b>IMO</b>	<b>RID/ADR</b>
<b>Shipping Name:</b>	Non-hazardous	Non-hazardous	Non-hazardous
<b>Hazard Class:</b>			

**UN Number:**

**Packing Group:**

## Section 15 - Regulatory Information



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LABORATORIES  
PVT. LTD.

# Safety Data Sheet

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This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

## Section 16 - Other Information

Sisco Research Laboratories Pvt. Ltd. provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose.